

Converting Colors

Android(4283096012)

Have a look what the booklet for
Android(4283096012) contains.

Android(4283096012)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4283096012)

Conversions

Conversions Part 1

Format	Color
Hex	4ADBCC
RGB	74, 219, 204
RGB Percent	29%, 86%, 80%
CMY	0.7098, 0.1412, 0.2000
CMYK	0.66, 0.00, 0.07, 0.14
HSL	174°, 67%, 57%
HSV	174°, 66%, 86%
XYZ	39.0546, 56.4785, 65.9698
YIQ	173.9350, -81.6050, -35.4050

Conversions

Conversions Part 2

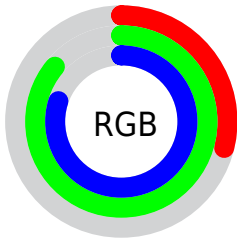
Format	Color
RYB	74, 150, 219
Decimal	4905932
CIELab	79.89, -41.58, -3.92
CIELCh	80, 41.764, 185.380
Yxy	56.4785, 0.2418, 0.3497
Android (android.graphics.Color)	4283096012 (0xFF4ADBCC)
YUV	173.9350, 14.8220, -87.6430
Hunter-Lab	75.1522, -38.7545, 0.5608

Details

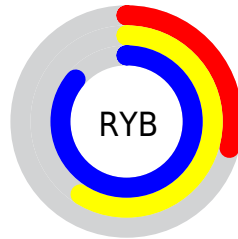
The Android color `4283096012` is a light color, and the websafe version is hex `33CCCC`. The color can be described as light muted cyan. A complement of this color would be `4292561497`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4287365119`, and `4278231958` is the 20% darker color. If you saturate the color by 10%, you get `4281654218`, and if you desaturate by 10%, it is `4284537806`.

Distribution



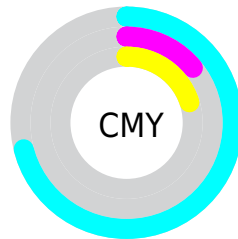
- Red (29%)
- Green (86%)
- Blue (80%)



- Red (29%)
- Yellow (59%)
- Blue (86%)



- Cyan (66%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)



- Cyan (71%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283096012 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4283096012 by changing the saturation by 10% instead.

 4283096012

 4283096012

4294967295

 4280139697

 4287365119

 4278231958

 4289396735

 4278225020

 4291428351

 4278218339

 4293394431

 4278211916

 4278205749


 4278200352

 4278190089

 4278190080

 4283096012

 4283096012

 4281654218

 4284537806

 4280212423

 4285979601


 4278770629

 4287421395

 4278246340

 4288863189

 4290239447

 4291681242

 4293123036

 4294564830

 4294958048

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4286634148



4283096012



4280343026

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4283096012



4292131327



4294621568

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4283096012



4292561497

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294946203



4283096012



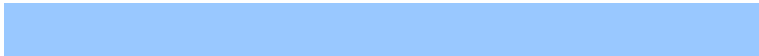
4294815207

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4283096012



4288268543



4294944960



4292462200

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4283096012



4282308095



4294944960



4294947975

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4283096012



4291624954



4284209994



4284579964



4278190080



4286611584

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4283096012



4281794538



4283081691



4284706413



4278234523



4278201897

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4292561497



4294915658



4292575818



4285424484



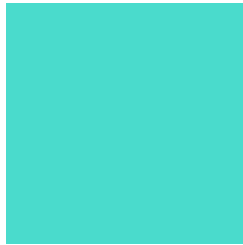
4289527826



4281204741

Previews

White Background



This preview shows how the Android color 4283096012 looks on a white background.

Color Contrast Check

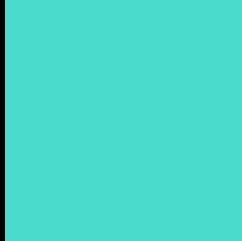
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4283096012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

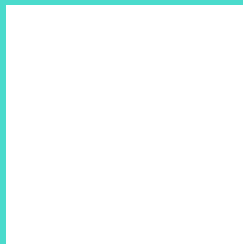
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4283096012 Background



This preview shows how black text looks on a background with the Android color 4283096012.

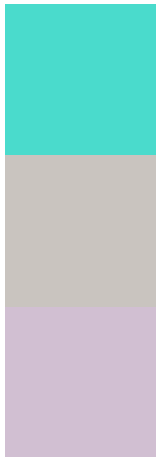


This preview shows how white text looks on a background with the Android color 4283096012.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
4283096012

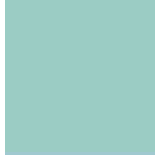
Protanopia
4291413183

Deuteranopia
4291936210

Trichromacy



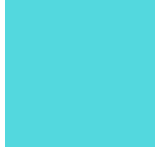
Original Color
4283096012



Protanomaly
4288400580



Deuteranomaly
4288727504

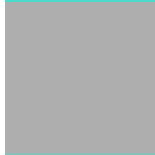


Tritanomaly
4283685086

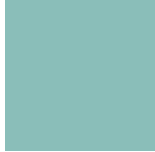
Monochromacy



Original Color
4283096012



Achromatopsia
4289638062



Achromatomaly
4287282873

CSS Examples

Text

The CSS property to change the color of the text to Android 4283096012 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(74, 219, 204)` looks like.

```
.text, #text, p{  
    color:rgb(74, 219, 204)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(74, 219, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 219, 204) }
```

Border

The CSS property to change the border of an element to Android 4283096012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(74, 219, 204) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(74, 219, 204) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(74, 219, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 219, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 219, 204);  
box-shadow:4px 4px 4px 4px rgb(74, 219,  
204) }
```

Background

The CSS property to change the background color of an element to Android 4283096012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 219, 204) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(74, 219,  
204) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor